

In re Appln. of Hamada et al.

IN THE CLAIMS

1. A flow rate measuring device comprising:

a post [to be provided] located in a fluid passage for passing a fluid flow [so as to extend] and extending across a part of the fluid flow;

a measuring duct [formed] in the post[:]; and

a flow rate detector [provided] located in the measuring duct[:] wherein the measuring duct has a fluid introduction port [formed in] with an elongated shape and [confronted] confronting a flow direction of the flow, the measuring duct [is contracted so as to have] having at least [a] one portion [thereof] located between the fluid introduction port and the flow rate detector substantially smoothly [narrowed] narrowing toward a downstream direction of the flow in a longitudinal direction of the elongated shape, and [wherein] the measuring duct has a single hole in the at least [the] one portion [formed into a single hole].

3. (Amended) The device according to Claim 1, wherein the fluid introduction port has a [longitudinal] length in the longitudinal direction and a [transverse length] width in a transverse direction, transverse to the longitudinal direction, the longitudinal length being substantially at least twice the [transverse length] width.

Claim 4 (Amended), line 2, change "contracted" to --narrowing--;

line 5, delete "in";

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line 6, change "with the" to --to a--;

line 8, change "curved line" to --curve--.

Claim 5 (Amended), line 2, change "curved line" (both occurrences) to --curve--.

Claim 6 (Amended), line 2, change "is contracted up" to --narrows--.

Claim 7 (Amended), line 2, change "is contracted up" to --narrows--;

line 3, after "element" insert --,--;

line 4, after "detector" insert --,--.

Claim 8 (Amended), line 2, change "is formed in" to --has--.

Claim 9 (Amended), line 2, delete "at least";

delete "thereof";

line 3, after "upstream" insert --of--.

Claim 10 (Amended), line 2, delete "formed".

11. (Amended) The device according to Claim 1, wherein the measuring duct has at least a portion of an outer wall surface [formed in a curved or tapered surface expanded] that expands outwardly.

12. (Amended) The device according to Claim 1, [wherein] including projections [are provided] located near the fluid introduction port [so as to extend toward] and extending in an upstream direction.

Claim 13 (Amended), line 2 change "is formed in" to --has--;

line 3, change "provided" to --located--;

line 6, delete "in";

change "with" to --to--.

Claim 14 (Amended), lines 1-2, change "is inserted" to --extends--;

line 2, delete "formed".

15. (Amended) A flow rate measuring device comprising:
a post [to be provided] located in a fluid passage for passing a fluid flow [so as to extend] and extending across a part of the fluid flow;
a measuring duct [formed] in the post[:]; and
a flow rate detector [provided] located in the measuring duct[:]; wherein the measuring duct has a fluid introduction port [formed in] with an elongated shape

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and [confronted] confronting a flow direction of the flow, the measuring duct [is contracted so as to have] having at least [a] one portion [thereof] located between a location upstream of the flow rate detector and the flow rate detector, substantially smoothly [narrowed] narrowing toward a downstream direction of the flow in a longitudinal direction of the elongated shape, and [wherein] the flow rate detector comprises a substantially plate-shaped mounting member substantially extending along the flow direction [and in] substantially parallel [with] to a longitudinal direction of the fluid introduction port[,], and a flow rate detection element [carried] on a main surface of the mounting member.

16. (Amended) A flow rate measuring device comprising:

a post [to be provided] located in a fluid passage for passing a fluid flow [so as to extend] and extending across a part of the fluid flow;

a measuring duct [formed] in the post[:]; and

a flow rate detector [provided] located in the measuring duct[:]; wherein the measuring duct has a fluid introduction port [formed in] with an elongated shape and [confronted] confronting a flow direction of the flow, the measuring duct [is contracted so as to have] having at least [a] one portion [thereof] located between the fluid introduction port and the flow rate detector substantially smoothly [narrowed] narrowing toward a downstream direction of the flow in a longitudinal direction of the elongated shape, [wherein] the measuring duct has a single hole in the at least [the] one portion [formed into a single hole], and [wherein] the flow